

FM Multiplex Stereo Demodulators

Type No.	Use	Circuit Description	Supply Voltage (V)	Electrical Characteristics			Package Outline	
μ PC554C	Car stereo set Home stereo set FM tuner	Stereo demodulator, Stereo/monaural switch (Auto/Manual), Audio muting circuit, and Stereo indicator lamp driver	5.5~15	(Ta = 25°C, VCC = 9V, f = 1kHz, Vi = 200mV)			14-pin DIP Ⓒ	
				I _{CC}	~10	~18		(mA)
				Sep.	35~45	~		(dB)
				Av	~-1.5	~		(dB)
				Ch. B	~0.2	~2		(dB)
				T.H.D.	~0.5	~1.0		(dB)
				Lamp-on	~12	~22		(mV)
Ri	~20	~	(k Ω)					
μ PC585C	Portable FM stereo radio receiver Cassette-taperecorder with FM radio receiver	Stereo demodulator, Preamplifier, Stereo/monaural switch, and Stereo indicator lamp driver	2.5~9	(Ta = 25°C, VCC = 4V, f = 1kHz, Vi = 100mV)			14-pin DIP Ⓒ	
				I _{CC}	3.5~7	~12		(mA)
				Sep.	35~45	~		(dB)
				Av	~0	~		(dB)
				Ch. B	~0.5	~2		(dB)
				T.H.D.	~0.5	~1.0		(%)
				Lamp-on	~5	~7.5		(mV)
				Ri	~20	~		(k Ω)
				Avo	38~43	~		(dB)
								Preamplifier stage
μ PC587C2	Car stereo set Home stereo set FM tuner	Stereo demodulator PLL system: V.C.O. Phase comparator Divider DC amplifier Stereo/Monaural switch Stereo indicator lamp driver	7~15	(Ta = 25°C, VCC = 10V, f = 1kHz, Vi = 300mV)			14-pin DIP Ⓒ	
				I _{CC}	7~13	~18		(mA)
				Sep.	35~45	~		(dB)
				Av	-9~-6	~		(dB)
				Ch. B	-1.5~0	~1.5		(dB)
				T.H.D.	~0.07	~0.5		(%)
				Lamp-on	12~16	~20		(mV)
				Ri	~50	~		(k Ω)
				C.R.	± 1.5 ~ ± 3	~		(%)
μ PC1026C	Car stereo set Home stereo set FM tuner	Stereo demodulator PLL system: V.C.O. Phase comparator Divider DC amplifier Stereo/Monaural switch Stereo indicator lamp driver	7~16	(Ta = 25°C, VCC = 10V, f = 1kHz, Vi = 150mV)			14-pin DIP Ⓒ	
				I _{CC}	7~13	~18		(mA)
				Sep.	35~45	~		(dB)
				Av	-4.5~-1.5	~2		(dB)
				Ch. B	-1.5~0	~1.5		(dB)
				T.H.D.	~0.15	~0.5		(%)
				Lamp-on	5~8	~11		(mV)
				Ri	~50	~		(k Ω)
				C.R.	± 1.5 ~ ± 3	~		(%)
μ PC1161C	Home stereo set FM tuner	Stereo demodulator PLL system: V.C.O. Phase comparator Divider DC amplifier Stereo/Monaural switch	9~15	(Ta = 25°C, VCC = 12V, f = 1kHz, Vi = 300mV)			16-pin DIP Ⓒ	
				I _{CC}	12~20	~30		(mA)
				Sep.	45~55	~		(dB)
				Av	9~13	~17		(dB)
				Ch. B	-1.5~0	~+1.5		(dB)
				T.H.D.	~0.02	~0.1		(%)
				Lamp-on	6~12	~20		(mV)